

Garryson®



Abrasives Catalog



Introduction



We are committed to being the leading manufacturer and supplier of speciality abrasives and carbide burs in the world. Through continuous development of new and innovative products and services, using state-of-the-art technology and skilled, motivated people, we strive to provide you with cost-effective solutions and the support that you need to increase your competitive advantage.



Technology

In-house designed, fully automated equipment for cost-effective manufacture.

Innovation

Continuous investment in customer and application driven development of new products, giving you effective solutions.



Support

Technical, sales and customer service teams backed up with large product stocks all provide exceptional service.

People

Professional, friendly staff throughout the world create the relationships you need.

Safety Symbols



Do not use wet

Wear ear defenders



Wear protective mask




























Wear safety glasses



Wear Protective Gloves

Read Instructions



				Pack quantity
				Maximum speed (revs per min)
			Part No	Part number
				Diameter
				Disc hole diameter
				Thickness
				Length
				Width
				Height
				Shank diameter
				Holder diameter
				Thread
				Locking system

Application Data

Technical reference chart



Product group	 Flap discs				 CERAMIQ®	 Jumbo flap discs			 Flexidisc®			 Mini flexidisc®		 Minidiscs		 Flap wheels			
Machine type																			
Product type	A/O	Z	Z ⁺	C		A/O	Z	Z ⁺	A/O	Z	C	Z	C	A/O	C				
Steel	●		○	●	●	●	●	○	●	●	●	●	●	●	●				
Cast iron	●	●	○	●	●	●	●	○	●	●	●	●	●	●	●				
Stainless steel	○		●	○	○	○	●	●	●	●	○	●	○	●	○				
High alloy steel	○	●	●	●	●	○	●	●	●	●	●	●	●	●	●				
Aluminium	●			○	○	●	○		●	○	○	○	○	●	○				
Non ferrous	●			●	●	●	○		●	○	●	○	●	●	●				
Wood	○					○								●					
Plastic	○	●				○								●					
Other	Paint				Paint	Paint			Rust/Paint	Rust/Paint		Rust/Paint		Rust/Paint					

● = Highly recommended ○ = Recommended

A/O = Aluminium oxide Z = Zirconium C = Ceramic
 Z⁺ = Zirc⁺

Application Data



Technical reference chart

 Spirabands Bands Rolls		 Grind & Cut Off Discs		 Quickchange			 Non woven		 Garryflex® Blocks
 A/O Z		 A/O		 A/O Z C Surf Prep			 A/O SiC		 A/O
●	●	●	●	●	●	●	●	●	
●	●	○	●	●	●	●	○	●	
○	●	●	○	●	●	●	●	●	
○	●	●	○	●	●	●	●	●	
●	○		●	○	○	○	●	●	
●	○	○	●	○	○	○	●	●	
							○		
								●	
Rust/Paint	Rust/Paint	Ceramic	Rust/Paint	Rust/Paint	Ceramic	Rust/Paint		Rust/Ceramic	

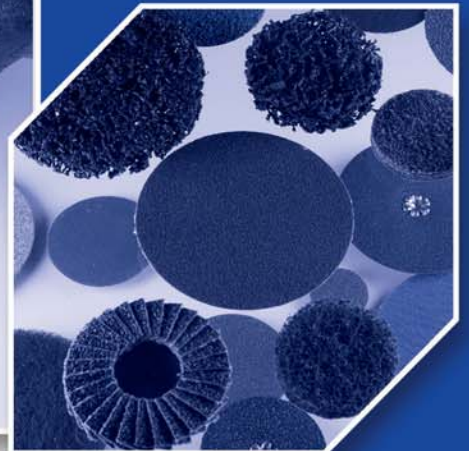
Z⁺ = Zirc⁺ SiC = Silicon carbide A/O = Aluminium oxide Surf. Prep. = Surface preparation
 Z = Zirconium

Application Data

Notes

Abrasive Discs

Suitable ATA Pneumatic tool range RA13, RA14, RA8AVH, RA20LR



Abrasive Discs

Zirc+ flap discs



Specialized Applications



Premium Zirc+ Ultra Fast Cutting Flap Disc - for austenitic stainless steel

- Ideal for use on austenitic stainless steel (300 series) to give reduced grinding times, improved productivity and less exposure time to potentially harmful vibration
- Premium Zirc+ Flap disc offers: a special grinding aid layer giving fast cutting performance and cooler grinding.



Premium Jumbo Flap Disc – contains up to 60% more useable abrasive material

- Jumbo discs can last up to double the life of a standard disc, resulting in fewer disc changeovers, less downtime and increased productivity
- The additional cloth provides a cushioned effect and softer 'feel' giving more control.

Zirc+ standard density

Angled face

Glass fiber backed



Disc Size	Hub Size	Grit	Part No.			max rpm	Box Qty	IPC Code
			40	60	80			
4"	5/8"	40	G41091	G41092	G41093	15,300	10	G77
4-1/2"	7/8"	40	G41001	G41002	G41003	13,300	10	G77
5"	7/8"	40	G41006	-	-	12,000	10	G77
6"	7/8"	40	G41121	G41122	G41123	10,200	10	G77
7"	7/8"	40	G41011	G41012	G41013	8,600	10	G77
Below part numbers include a threaded hub for the flap discs.								
4"	3/8"-24	40	G41291	G41292	G41293	15,300	10	G77
4-1/2"	5/8"-11	40	G41201	G41202	G41203	13,300	10	G77
5"	5/8"-11	40	G41206	G41207	G41208	12,000	10	G77
6"	5/8"-11	40	G41306	G41307	G41308	10,200	10	G77
7"	5/8"-11	40	G41211	G41212	G41213	8,600	10	G77

Grits 40, 60, 80

Jumbo density

Type 29 Angled face

Glass fiber backed



Disc Size	Hub Size	Grit	Part No.			max rpm	Box Qty	IPC Code
			40	60	80			
4"	5/8"	40	G41101	G41102	G41103	15,300	10	G78
4-1/2"	7/8"	40	G41016	G41017	G41018	13,300	10	G78
5"	7/8"	40	G41081	G41082	G41083	12,000	10	G78
6"	7/8"	40	G41131	G41132	G41133	10,200	10	G78
7"	7/8"	40	G41021	G41022	G41023	8,600	10	G78
Below part numbers include a threaded hub for the flap discs.								
4"	3/8"-24	40	G41301	G41302	G41303	15,300	10	G78
4-1/2"	5/8"-11	40	G41216	G41217	G41218	13,300	10	G78
5"	5/8"-11	40	G41281	G41282	G41283	12,000	10	G78
6"	5/8"-11	40	G41311	G41312	G41313	10,200	10	G78
7"	5/8"-11	40	G41221	G41222	G41223	8,600	10	G78

Grits 40, 60, 80

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Abrasive Discs







Specialized Applications

CERAMIQ®

Angled face



Glass fiber backed

		Grit	Part No.			IPC Code
4"	5/8"	24	G41415	15,300	10	72
4"	5/8"	36	G41416	15,300	10	72
4"	5/8"	40	G41417	15,300	10	72
4"	5/8"	60	G41418	15,300	10	72
4"	5/8"	80	G41419	15,300	10	72
4 1/2"	7/8"	24	G41400	13,300	10	72
4 1/2"	7/8"	36	G41401	13,300	10	72
4 1/2"	7/8"	40	G41402	13,300	10	72
4 1/2"	7/8"	60	G41403	13,300	10	72
4 1/2"	7/8"	80	G41404	13,300	10	72
5"	7/8"	24	G41405	12,000	10	72
5"	7/8"	36	G41406	12,000	10	72
5"	7/8"	40	G41407	12,000	10	72
5"	7/8"	60	G41408	12,000	10	72
5"	7/8"	80	G41409	12,000	10	72
7"	7/8"	24	G41410	8,600	10	72
7"	7/8"	36	G41411	8,600	10	72
7"	7/8"	40	G41412	8,600	10	72
7"	7/8"	60	G41413	8,600	10	72
7"	7/8"	80	G41414	8,600	10	72
Below part numbers include a threaded hub for the flap discs.						
4 1/2"	5/8"-11	24	G41900	13,300	10	72
4 1/2"	5/8"-11	36	G41901	13,300	10	72
4 1/2"	5/8"-11	40	G41902	13,300	10	72
4 1/2"	5/8"-11	60	G41903	13,300	10	72
4 1/2"	5/8"-11	80	G41904	13,300	10	72
5"	5/8"-11	24	G41905	12,000	10	72
5"	5/8"-11	36	G41906	12,000	10	72
5"	5/8"-11	40	G41907	12,000	10	72
5"	5/8"-11	60	G41908	12,000	10	72
5"	5/8"-11	80	G41909	12,000	10	72
7"	5/8"-11	24	G41910	8,600	10	72
7"	5/8"-11	36	G41911	8,600	10	72
7"	5/8"-11	40	G41912	8,600	10	72
7"	5/8"-11	60	G41913	8,600	10	72
7"	5/8"-11	80	G41914	8,600	10	72



Grits 24, 36, 40, 60, 80



CERAMIQ® flap – Aggressive metal finishing on difficult to grind and finish materials.

Ideal for steels, stainless steel, carbon steel, high nickel alloys and titanium.

- CUTS FASTER
- LASTS LONGER
- WASTES LESS. SAVES MONEY.

Ordering Information: For more information and/or to place an order, please contact ATA Customer Service at +330-928-7744 or by email sales@atatools.com



Abrasive Discs

Zirconium flap discs



Industrial Applications



Standard density

Angled face

Glass fiber backed



4"	4-1/2"	5"	6"	7"	36	40	Part No.					max rpm	Box	IPC Code
							60	80	120	60	80			
4"	5/8"	G40083	G40084	G40086	G40087	G40088	15,300	10	G10					
4-1/2"	7/8"	G40090	G40091	G40093	G40094	G40095	13,300	10	G10					
5"	7/8"	G40097	G40098	G40099	G40100	G40101	12,000	10	G10					
6"	7/8"	G40800	G40801	G40802	G40803	G40804	10,200	10	G10					
7"	7/8"	G40103	G40104	G40106	G40107	G40108	8,600	10	G10					
Below part numbers include a threaded hub for the flap discs.														
4-1/2"	5/8"-11	G40602	G40640	G40603	G40604	G40621	13,300	10	G10					
5"	5/8"-11	G40642	G40643	G40644	G40645	G40646	12,000	10	G10					
6"	5/8"-11	G41800	G41801	G41802	G41803	G41804	10,200	10	G10					
7"	5/8"-11	G40606	G40680	G40607	G40608	G40622	8,600	10	G10					

Standard density

Flat face

Glass fiber backed



4"	4-1/2"	5"	7"	36	40	Part No.					max rpm	Box	IPC Code	
						60	80	120	60	80				120
4"	5/8"	G40133	G40134	G40135	G40136	G40137	15,300	10	G10					
4-1/2"	7/8"	G40139	G40140	G40142	G40143	G40144	13,300	10	G10					
5"	7/8"	G40146	G40147	G40148	G40149	-	12,000	10	G10					
7"	7/8"	G40152	G40153	G40155	G40156	G40157	8,600	10	G10					
Below part numbers include a threaded hub for the flap discs.														
4-1/2"	5/8"-11	G40624	G40625	G40626	G40627	G40628	13,300	10	G10					
5"	5/8"-11	G40562	G40563	G40564	G40565	G40566	12,000	10	G10					
7"	5/8"-11	G40679	G40653	G40675	G40654	G40526	8,600	10	G10					

Standard density

Angled face

Aluminium backed



Standard Zirconium Flap disc – universal disc for use on a wide range of ferrous materials

- Ideal for use in applications, such as weld preparation, weld seam removal, surface blending and edge grinding
- Zirconium Flap disc offers consistent grinding and finishing performance
- Long life compared to resin fiber discs
- Reduced vibration and noise compared to depressed center grinding discs.

4"	4-1/2"	5"	7"	36	40	Part No.					max rpm	Box	IPC Code	
						60	80	120	60	80				120
4"	5/8"	G40031	G40032	G40034	G40035	G40036	15,300	10	G10					
4-1/2"	7/8"	G40038	G40039	G40041	G40042	G40043	13,300	10	G10					
5"	7/8"	G40045	-	G40048	G40049	G40050	12,000	10	G10					
7"	7/8"	G40052	-	G40055	G40056	G40057	8,600	10	G10					
Below part numbers include a threaded hub for the flap discs.														
4-1/2"	5/8"-11	G40501	G40543	G40502	G40503	G40521	13,300	10	G10					
7"	5/8"-11	G40506	G40611	G40507	G40508	G40522	8,600	10	G10					

Grits 36, 40, 60, 80, 120

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Abrasive Discs



Aluminium oxide flap discs

Industrial Applications

Standard density

Angled face

Glass fiber backed



Disc Size	Hub Size	Part No.					max rpm	Box Qty	IPC Code
		36	40	60	80	120			
4"	5/8"	G40058	G40059	G40060	G40061	-	15,300	10	G10
4-1/2"	7/8"	G40064	-	G40067	G40068	G40069	13,300	10	G10
5"	7/8"	G40071	G40072	G40073	-	G40075	12,000	10	G10
7"	7/8"	G40077	G40078	G40079	G40080	G40081	8,600	10	G10
Below part numbers include a threaded hub for the flap discs.									
4-1/2"	5/8"-11	G40630	G40631	G40632	G40633	G40634	13,300	10	G10
5"	5/8"-11	G40573	G40574	G40575	G40576	G40577	12,000	10	G10
7"	5/8"-11	G40666	G40667	G40668	G40669	G40670	8,600	10	G10



Standard density

Flat face

Glass fiber backed



Disc Size	Hub Size	Part No.					max rpm	Box Qty	IPC Code
		36	40	60	80	120			
4"	5/8"	G40109	G40110	G40111	G40112	G40113	15,300	10	G10
4-1/2"	7/8"	G40115	G40116	G40118	G40119	G40120	13,300	10	G10
5"	7/8"	-	-	G40124	-	-	12,000	10	G10
7"	7/8"	-	G40129	G40130	-	G40132	8,600	10	G10
Below part numbers include a threaded hub for the flap discs.									
4-1/2"	5/8"-11	G40635	G40636	G40637	G40638	G40639	13,300	10	G10
5"	5/8"-11	G40556	G40557	G40558	G40559	G40560	12,000	10	G10
7"	5/8"-11	G40648	G40649	G40650	G40651	G40525	8,600	10	G10

Grits 36, 40, 60, 80, 120



Standard Aluminium Oxide Flapdisc – universal disc for non-ferrous metals & softer materials

- Ideal for use in applications where glazing of zirconium discs is a problem

Aluminium oxide discs offer:

- Reduced heat - less glazing and longer life
- Finer surface finish
- Rapid stock removal on soft based materials.

Ordering Information: For more information and/or to place an order, please contact ATA Customer Service at +330-928-7744 or by email sales@atatools.com

Abrasive Discs

Jumbo zirconium flap discs



Specialized Applications



Jumbo density

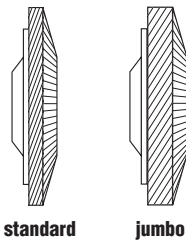
Angled face
Glass fiber backed



Disc Size	Hub Size	36	40	Part No.					max rpm	Box Qty	IPC Code
				60	80	120					
4"	5/8"	G40346	G40343	G40344	G40345	-	15,300	10	G73		
4-1/2"	7/8"	G40300	G40301	G40302	G40303	G40304	13,300	10	G73		
5"	7/8"	G41500	G40340	G40341	G40342	-	12,000	10	G73		
6"	7/8"	G40810	G40811	G40812	G40813	G40814	10,200	10	G73		
7"	7/8"	G40319	G40320	G40321	G40322	G40335	8,600	10	G73		
Below part numbers include a threaded hub for the flap discs.											
4-1/2"	5/8"-11	G40615	G40678	G40616	G40617	G40664	13,300	10	G73		
5"	5/8"-11	G40550	G40551	G40552	G40553	-	12,000	10	G73		
6"	5/8"-11	G41810	G41811	G41812	G41813	G41814	10,200	10	G73		
7"	5/8"-11	G40618	G40546	G40619	G40620	G40547	8,600	10	G73		

Jumbo density

Angled face
Aluminium backed



Disc Size	Hub Size	36	40	Part No.			max rpm	Box Qty	IPC Code	
				60	80	120				
4-1/2"	7/8"	G40200	-	G40202	-	-	13,300	10	G73	
7"	7/8"	G40219	G40220	G40221	G40222	-	8,600	10	G73	
Below part numbers include a threaded hub for the flap discs.										
4-1/2"	5/8"-11	G40515	G40504	G40516	G40517	-	13,300	10	G73	
7"	5/8"-11	G40518	G40512	G40519	G40520	-	8,600	10	G73	

Grits 36, 40, 60, 80, 120



Premium Jumbo Flap Disc – contains up to 60% more useable abrasive material

- Jumbo discs can last up to double the life of a standard disc, resulting in fewer disc changeovers, less downtime and increased productivity
- The additional cloth provides a cushioned effect and softer "feel" giving more control.

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Abrasive Discs



Jumbo aluminium oxide flap discs

Specialized Applications

Jumbo density

Angled face

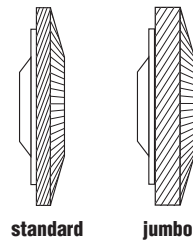
Glass fiber backed



4-1/2"	7"	36	40	Part No.				max rpm	Box	IPC Code
				60	80	120				
	7/8"	-	G40310	G40311	G40312	-	13,300	10	G73	
7"	7/8"	-	G40330	G40331	-	G40334	8,600	10	G73	
Below part numbers include a threaded hub for the flap discs.										
4-1/2"	5/8"-11	-	G40540	G40541	G40542	-	13,300	10	G73	
7"	5/8"-11	G40544	G40672	G40673	G40674	G40545	8,600	10	G73	



Grits 36, 40, 60, 80, 120



standard

jumbo



Premium Jumbo Flap Disc – contains up to 60% more useable abrasive material

- Jumbo discs can last up to double the life of a standard disc, resulting in fewer disc changeovers, less downtime and increased productivity
- The additional cloth provides a cushioned effect and softer 'feel' giving more control.

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